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SEQ ID NO: 655
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SEQ ID NO: 656
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SEQ ID NO: 659
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SEQ ID NO: 660
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SEQ ID NO: 662
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SEQ ID NO: 668

>21707 BLOOD 1147849.1 J03004 g183181 Human guanine nucleotide-binding regulatory protein (G) alpha-inhibitory-subunit mRNA, complete cds. 5e-78

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SEQ ID NO: 669

>25177 BLOOD Hs.227948 gnl|UG|Hs#S553844 squamous cell carcinoma antigen=serine protease inhibitor [human, mRNA, 1711 nt] /cds=(61,1233) /gb=S66896 /gi=239551 /ug=Hs.227948 /len=1711

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yc03e09.s1 Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:79624 3', mRNA sequence gi|666284|gb|T62627.1|T62627[666284]
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SEQ ID NO: 671
ys88a08.s1 Soares retina N2b5HR Homo sapiens cDNA clone IMAGE:221846 3' similar to SP:HTLF_HUMAN P32314 HUMAN T-CELL LEUKEMIA VIRUS ENHANCER FACTOR ;contains MER22 repetitive element ;, mRNA sequence gi|1064703|gb|H84982.1|H84982[1064703]
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SEQ ID NO: 672
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SEQ ID NO: 673
zt20b07.s1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE:713653 3' similar to TR:G577291 G577291 MRNA ;contains element MER28 repetitive element ;, mRNA sequence
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SEQ ID NO: 674
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SEQ ID NO: 675
> Human tumor necrosis factor receptor 2 (TNFR2) gene, exon 10 and complete cds
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CAAGTCCTCCAGACACCGCATCAACTCATAAGTCTGTTCTGCTGAGAAAATCACC
TGTTTCTGTTCCAAAAGGGGCAAGGCATCTGTCAGCAGAGTTCATCCCAGAAAGA
CCGAAGGGGCAATCCGAGACGTCATCAAG GACAGAAGGA

SEQ ID NO: 680
aa79c05.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:827144 3' similar to SW:RLX1_HUMAN P49406 PUTATIVE 60S RIBOSOMAL PROTEIN;, mRNA sequence
gi|2261786|gb|AA521243.1|AA521243[2261786]
TTTTTTTTTGGTGTACAAGTTTTATTTTAGAAAAAAAGTATTAATAAAACAATGA
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SEQ ID NO: 681
Human Thy-1 glycoprotein gene, complete cds
gi|339682|gb|M11749.1|HUMTHY1A[339682]
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TGTGGGGGTGCCTGAGCACACATACCGCTCCCGAACCAACTTCACCAGCAAATA
CCACATGAAGGTCCTCTACTTATCCGCCTTCACTAGCAAGGACGAGGGCACCTAC
ACGTGTGCACTCCACCACTCTGGCCATTCCCCACCCATCTCCTCCCAGAACGTCA
CAGTGCTCAGAGGTGAGACAAGCCCCTAACAAGGTCAAGTGAGCTGGGAGAGCC
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CCCTCTCAGGCTGTCCCAAGCTCCCAAGAGCTTCCAGAGCTCTGACCCACAGCCT
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TGAGCCCCTCAGACAGCCCCCTGCCCCGCAGGCCTGCCTTCTCAGGGACTTCTGC
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SEQ ID NO: 682
yw08h11.s1 Soares melanocyte 2NbHM Homo sapiens cDNA clone IMAGE:251685 3',
mRNA sequence gi|1110224|gb|H96738.1|H96738[1110224]
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SEQ ID NO: 683
Human integral membrane serine protease Seprase mRNA, complete cds
gi|1924981|gb|U76833.1|HSU76833[1924981]
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AATGCTTGCTACAAAATATGCTCTCTGGTGGTCTCCTAATGGAAAATTTTTGGCA
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SEQ ID NO: 684
zw83d07.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:782797 3', mRNA sequence gi|2161864|gb|AA448194.1|AA448194[2161864]
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CAAAATCTAATCCACATTCAAATTTTCTCAACTGCCTCACCACCGTGCTGGCCTCC

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SEQ ID NO: 685
Human gene for preproenkephalin gi|31150|emb|V00509.1|HSENK1[31150]
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SEQ ID NO: 686
yi26g12.s1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:140422 3', mRNA sequence gi|838397|gb|R65759.1|R65759[838397]
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SEQ ID NO: 687
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SEQ ID NO: 688
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CTGCGGCCGCCCAGCCGCGTGGACGGCATGGTGGGCGACGACCCTTACAACCCC
TACAAGTACTCTGACGACAACCCTTATTACAACTACTACGATACTTATGAAAGGC
CCAGACCTGGGGGCAGGTACCGGCCCGGATACGGCACTGGCTACTTCCAGTACG
GTCTCCCAGACCTGGTGGCCGACCCCTACTACATCCAGGCGTCCACGTACGTGCA
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TATTCCTGGGAATGGCACAGTTGTCATCAACATTACCACAGTATGGATGAGTTTA
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SEQ ID NO: 689
Human mRNA for beta-actin gi|28251|emb|X00351.1|HSAC07[28251]
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SEQ ID NO: 690
>AA435938
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GAGGTGGAGTATGATGGGCAGTCCGATCTTTTCCATCTGGGCTTTCAGACAATGG
GATATGTCATGGAAGGCTTCTTTAAACACCAGAAGAAATTCAGGATAAAGCTCA
AAAAGAGCAGGCAATCGATAGGGGTTGAAAATCCACTCAGTAGGCCACGGAAG
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SEQ ID NO: 691
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SEQ ID NO: 692
zf17e01.s1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE:377208 3', mRNA sequence gi|1547536|gb|AA055198.1|AA055198[1547536]
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SEQ ID NO: 693
zt87h10.s1 Soares_testis_NHT Homo sapiens cDNA clone IMAGE:729379 3', mRNA sequence
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SEQ ID NO: 694
yo27c07.s1 Soares adult brain N2b5HB55Y Homo sapiens cDNA clone IMAGE:179148 3', mRNA sequence gi|989944|gb|H50103.1|H50103[989944]
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SEQ ID NO: 695
za29f01.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:293977 5', mRNA sequence gi|1267964|gb|N95657.1|N95657[1267964]
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SEQ ID NO: 696
Human lysophosphatidic acid receptor homolog mRNA, complete cds
gi|1857424|gb|U80811.1|HSU80811[1857424]
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ATCGTTATGGGTGCTATACCCAGTGTGGGCTGGAACTGTATCTGTGATATTGAAA
ATTGTTCCAACATGGCACCCCTCTACAGTGACTCTTACTTAGTCTTCTGGGCCATT
TTCAACTTGGTGACCTTTGTGGTAATGGTGGTTCTCTATGCTCACATCTTTGGCTA
TGTTCGCCAGAGGACTATGAGAATGTCTCGGCATAGTTCTGGACCCCGGCGGAAT
CGGGATACCATGATGAGTCTTCTGAAGACTGTGGTCATTGTGCTTGGGGCCTTTA
TCATCTGCTGGACTCCTGGATTGGTTTTGTTACTTCTAGACGTGTGCTGTCCACAG
TGCGACGTGCTGGCCTATGAGAAATTCTTCCTTCTCCTTGCTGAATTCAACTCTGC
CATGAACCCCATCATTTACTCCTACCGCGACAAAGAAATGAGCGCCACCTTTAGG
CAGATCCTCTGCTGCCAGCGCAGTGAGAACCCCACCGGCCCCACAGAAAGCTCA
GACCGCTCGGCTTCCTCCCTCAACCACACCATCTTGGCTGGAGTTCACAGCAATG
ACCACTCTGTGGTTTAGAACGGAAACTGAGATGAGGAACCAGCCGTCCTCTCTTG
GAGGATAAACAGCCTCCCCCTACCCAATTGCCAGGGCAAGGTGGGGTGTGAGAG
AGGAGAAAAGTCAACTCATGTACTTAAACACTAACCAATGACAGTATTTGTTCCT
GGACCCCACAAGACTTGATATATATTGAAAATTAGCTTATGTGACAACCCTCATC
TTGATCCCCATCCCTTCTGAAAGTAGGAAGTTGGAGCTCTTGCAATGGAATTCAA
GAACAGACTCTGGAGTGTCCATTTAGACTACACTAACTAGACTTTTAAAAGATTT
TGTGTGGTTTGGTGCAAGTCAGAATAAATTCTGGCTAGTTGAATCCACAACTTCA
TTTATATACAGGCTTCCCTTTTTTATTTTTAAAGGATACGTTTCACTTAATAAACA
CGTTTATGCCTATCAGCAAAAAAAAAAAAAAA

SEQ ID NO: 697
zf16g09.r1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE:377152 5' similar to SW:NUYM_BOVIN Q02375 NADH-UBIQUINONE OXIDOREDUCTASE 18 KD SUBUNIT PRECURSOR ;, mRNA sequence
gi|1547458|gb|AA055101.1|AA055101[1547458]
GCAGCAAGATGGCGGCGGTCTCAATGTCAGTGGTACTGAGGCAGACGTTGTGGC
GGAGAAGGGCAGTGGCTGTAGCTGCCCTTTCCGTTTCCAGGGTTCCGACCAGGTC
GTTGAGGACTTCCACATGGAGATTGGCACAGGACCAGACTCAAGACACACAACT
CATAACAGTTGATGAAAAATTGGATATCACTACTTTAACTGGCGTTCCAGAAGAG
CATATAAAAACTAGAAAAGTCAGGATCTTTGTTCCTGCTCGCAATAACATGCAGT
CTGGAGTAAACAACACAAAGAAATGGAAGATGGAGTTTGANTACCAGGGAGCG
ATGGGAAAATCCTTTGATGGGTTNGGCATCAACCGGCTTGATCCCCTTTTTCCNA
CATGGGTTCTAAAC

SEQ ID NO: 698
Human interleukin 11 mRNA, complete cds gi|186272|gb|M57765.1|HUMIL11[186272]
GCTCAGGGCACATGCCTCCCCTCCCCAGGCCGCGGCCCAGCTGACCCTCGGGGCT
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CTGGGGAACCCCTGGCCCTGTGGGGACATGAACTGTGTTTGCCGCCTGGTCCTGG
TCGTGCTGAGCCTGTGGCCAGATACAGCTGTCGCCCCTGGGCCACCACCTGGCCC
CCCTCGAGTTTCCCCAGACCCTCGGGCCGAGCTGGACAGCACCGTGCTCCTGACC
CGCTCTCTCCTGGCGGACACGCGGCAGCTGGCTGCACAGCTGAGGGACAAATTC
CCAGCTGACGGGGACCACAACCTGGATTCCCTGCCCACCCTGGCCATGAGTGCG
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CTACTGTCCTACCTGCGGCACGTGCAGTGGCTGCGCCGGGCAGGTGGCTCTTCCC
TGAAGACCCTGGAGCCCGAGCTGGGCACCCTGCAGGCCCGACTGGACCGGCTGC
TGCGCCGGCTGCAGCTCCTGATGTCCCGCCTGGCCCTGCCCCAGCCACCCCCGGA
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GCCCACGCCATCCTGGGGGGGCTGCACCTGACACTTGACTGGGCCGTGAGGGGA
CTGCTGCTGCTGAAGACTCGGCTGTGACCCGGGGCCCAAAGCCACCACCGTCCTT
CCAAAGCCAGATCTTATTTATTTATTTATTTCAGTACTGGGGGCGAAACAGCCAG
GTGATCCCCCCCGCCATTATCTCCCCCTAGTTAGAGACAGTCCTTCCGTGAGGCCT
GGGGGACATCTGTGCCTTATTTATACTTATTTATTTCAGGAGCAGGGGTGGGAGG
CAGGTGGACTCCTGGGTCCCCGAGGAGGAGGGGACTGGGGTCCCGGATTCTTGG
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GGCAGGAACATATATTATTTATTTAAGCAATTACTTTTCATGTTGGGGTGGGGAC
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GACAGAGAACAGGGAATTAAATGTGTCATACATATCC

SEQ ID NO: 699
Homo sapiens mRNA for GABA-BR1a (hGB1a) receptor
gi|2826760|emb|Y11044.1|HSGTHLA1[2826760]

ATGCTGCTGCTGCTGCTGGCGCCACTCTTCCTCCGCCCCCCGGGCGCGGGCGGGG
CGCAGACCCCCAACGCCACCTCAGAAGGTTGCCAGATCATACACCCGCCCTGGG
AAGGGGGCATCAGGTACCGGGGCCTGACTCGGGACCAGGTGAAGGCTATCAACT
TCCTGCCAGTGGACTATGAGATTGAGTATGTGTGCCGGGGGGGAGCGCGAGGTGG
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GAAGGTTTTCCTGACGGGTGGGGACCTCCCAGCTCTGGACGGAGCCCGGGTGGA
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TCAGAACGGCGCGCAGTGTACATCGGGGCACTGTTTCCCATGAGCGGGGGCTGG
CCAGGGGGCCAGGCCTGCCAGCCCGCGGTGGAGATGGCGCTGGAGGACGTGAAT
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AAGTGTGATCCAGGCCAAGCCACCAAGTACCTATATGAGCTGCTCTACAACGAC
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CCTGTCAAACCGGCAGCGTTTCCCCACTTTCTTCCGAACGCACCCATCAGCCACA
CTCCACAACCCTACCCGCGTGAAACTCTTTGAAAAGTGGGGCTGGAAGAAGATT
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ACTTTTCTATGAGACTGAAGCCCGGAAAGTTTTTTGTGAGGTGTACAAGGAGCGT
CTCTTTGGGAAGAAGTACGTCTGGTTCCTCATTGGGTGGTATGCTGACAATTGGT
TCAAGATCTACGACCCTTCTATCAACTGCACAGTGGATGAGATGACTGAGGCGGT
GGAGGGCCACATCACAACTGAGATTGTCATGCTGAATCCTGCCAATACCCGCAG
CATTTCCAACATGACATCCCAGGAATTTGTGGAGAAACTAACCAAGCGACTGAA
AAGACACCCTGAGGAGACAGGAGGCTTCCAGGAGGCACCGCTGGCCTATGATGC
CATCTGGGCCTTGGCACTGGCCCTGAACAAGACATCTGGAGGAGGCGGCCGTTCT
GGTGTGCGCCTGGAGGACTTCAACTACAACAACCAGACCATTACCGACCAAATC
TACCGGGCAATGAACTCTTCGTCCTTTGAGGGTGTCTCTGGCCATGTGGTGTTTG
ATGCCAGCGGCTCTCGGATGGCATGGACGCTTATCGAGCAGCCTCAGGGTGGCA
GCTACAAGAAGATTGGCTACTATGACAGCACCAAGGATGATCTTTCCTGGTCCAA
AACAGATAAATGGATTGGAGGGTCCCCCCCAGCTGACCAGACCCTGGTCATCAA
GACATTCCGCTTCCTGTCACAGAAACTCTTTATCTCCGTCTCAGTTCTCTCCAGCC
TGGGCATTGTCCTAGCTGTTGTCTGTCTGTCCTTTAACATCTACAACTCACATGTC
CGTTATATCCAGAACTCACAGCCCAACCTGAACAACCTGACTGCTGTGGGCTGCT

CACTGGCTTTAGCTGCTGTCTTCCCCCTGGGGCTCGATGGTTACCACATTGGGAG
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GGAAGATATTGACGTCTCTATTCTGCCCCAGCTGGAGCATTGCAGCTCCAGGAAG
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GAATCTTCCTTGCTTATGAGACCAAGAGTGTGTCCACTGAGAAGATCAATGATCA
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TGCCATAGTTTTCTCCTCCTATATCACTCTTGTTGTGCTCTTTGTGCCCAAGATGC
GCAGGCTGATCACCCGAGGGGAATGGCAGTCGGAGGCGCAGGACACCATGAAG
ACAGGGTCATCGACCAACAACAACGAGGAGGAGAAGTCCCGGCTGTTGGAGAA
GGAGAACCGTGAACTGGAAAAGATCATTGCTGAGAAAGAGGAGCGTGTCTCTGA
ACTGCGCCATCAACTCCAGTCTCGGCAGCAGCTCCGCTCCCGGCGCCACCCACCG
ACACCCCCAGAACCCTCTGGGGGCCTGCCCAGGGGACCCCCTGAGCCCCCCGAC
CGGCTTAGCTGTGATGGGAGTCGAGTGCATTTGCTTTATAAGTGAGGGTAGGGTG
AGGGAGGACAGGCCAGTAGGGGGAGGGAAAGGGAGAGGGGAAGGGCAGGGGA
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CCTCAGCAGCCTCACTGCATCTTTCTCTTCCCATGCAACACCCTCTTCTAGTTACC
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TCCCAACAAGTGCTCTTTCCACCCCAAAGGGGCCTCTCCTTTTCTCCACTGTCATA
ATCTCTTTCCATCTTACTTGCCCTTCTATACTTTCTCACATGTGGCTCCCCCTGAAT
TTTGCTTCCTTTGGGAGCTCATTCTTTTCGCCAAGGCTCACATGCTCCTTGCCTCT
GCTCTGTGCACTCACGCTCAGCACACATGCATCCTCCCCTCTCCTGCGTGTGCCCA
CTGAACATGCTCATGTGTACACACGCTTTTCCCGTATGCTTTCTTCATGTTCAGTC
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GGGTCTGCCCTTGAGCGTGTTTGGGTAGGCATGTGCAATTTGTCTAGCATGCTGA
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CCTCCATGTACCTTGTGTACTTTCTTCCCTTAAATCATGGTATTCTTCTGACAGAG
CCATATGTACCCTACCCTGCACATTGTTATGCACTTTTCCCCAATTCATGTTTGGT
GGGGCCATCCACACCCTCTCCTTGTCACAGAATCTCCATTTCTGCTCAGATTCCCC
CCATCTCCATTGCATTCATGTACTACCCTCAGTCTACACTCACAATCATCTTCTCC
CAAGACTGCTCCCTTTTGTTTTGTGTTTTTTTGAGGGGAATTAAGGAAAAATAAG
TGGGGGCAGGTTTGGAGAGCTGCTTCCAGTGGATAGTTGATGAGAATCCTGACC
AAAGGAAGGCACCCTTGACTGTTGGGATAGACAGATGGACCTATGGGGTGGGAG
GTGGTGTCCCTTTCACACTGTGGTGTCTCTTGGGGAAGGATCTCCCCGAATCTCA
ATAAACCAGTGAACAGTGTGACTCGGAAAAAAAAAAAAAAAAAAAAAAAAA

SEQ ID NO: 700

zh96g08.s1 Soares_fetal_liver_spleen_1NFLS_S1 Homo sapiens cDNA clone IMAGE:429182 3', mRNA sequence gi|1448327|gb|AA004759.1|AA004759[1448327]

ACTTTATGCAAAAAAAAATATACATTTATTTATAGGTCTCAATACAGCAAAATGA
AAACGAAAATTGAGAACATTGCTCATTAGGCCAGCAACTTTAAAATTATTTAATT
TGAAATATAAAATAGGTGGTCTTCATAAAAAGATGCATGAAATTTACCTTACCTT

ATATTTTATACTTTAAGAGTACATTTTATACAAATCAGTAACCAGGCTTCTTTCAT
GTTTAACCTGAAATGAACGTAACTATAAATGAGTATCTTTCTTTTATGTAGTAGC
AAAAAGAGTCAATAATCCTTTCAAGAAAGATACTATTTCATTTCCTCCCAACTTG
GGATTCNCCATAAACACGGA

SEQ ID NO: 701
Homo sapiens canalicular multispecific organic anion transporter 2 (CMOAT2) mRNA, complete cds gi|3550323|gb|AF083552.1|AF083552[3550323]

AGCCGCGCCTCGGCCCCATGGACGCCCTGTGCGGTTCCGGGGAGCTCGGCTCCAA
GTTCTGGGACTCCAACCTGTCTGTGCACACAGAAAACCCGGACCTCACTCCCTGC
TTCCAGAACTCCCTGCTGGCCTGGGTGCCCTGCATCTACCTGTGGGTCGCCCTGC
CCTGCTACTTGCTCTACCTGCGGCACCATTGTCGTGGCTACATCATCCTCTCCCAC
CTGTCCAAGCTCAAGATGGTCCTGGGTGTCCTGCTGTGGTGCGTCTCCTGGGCGG
ACCTTTTTTACTCCTTCCATGGCCTGGTCCATGGCCGGGCCCCTGCCCCTGTTTTC
TTTGTCACCCCCTTGGTGGTGGGGGTCACCATGCTGCTGGCCACCCTGCTGATAC
AGTATGAGCGGCTGCAGGGCGTACAGTCTTCGGGGGTCCTCATTATCTTCTGGTT
CCTGTGTGTGGTCTGCGCCATCGTCCCATTCCGCTCCAAGATCCTTTTAGCCAAGG
CAGAGGGTGAGATCTCAGACCCCTTCCGCTTCACCACCTTCTACATCCACTTTGC
CCTGGTACTCTCTGCCCTCATCTTGGCCTGCTTCAGGGAGAAACCTCCATTTTTCT
CCGCAAAGAATGTCGACCCTAACCCCTACCCTGAGACCAGCGCTGGCTTTCTCTC
CCGCCTGTTTTTCTGGTGGTTCACAAAGATGGCCATCTATGGCTACCGGCATCCC
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CAAGGCTTCAGCAGCACCTGGGAAAAATGCCTCCGGCGAGGACGAGGTGCTGCT
GGGTGCCCGGCCCAGGCCCCGGAAGCCCTCCTTCCTGAAGGCCCTGCTGGCCACC
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TGCAGTCGCTGATCTTACAACACTATTACCACTACATCTTTGTGACTGGGGTGAA
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GTGCCCTGTCCTCAGATGGGGAGGGACAGGGTCGGCCTGTACCCCGGAGGCACC
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CGCTTCTATGCAGCCACATCACGGCAACTGAAGCGGCTGGAATCAGTCAGCCGCT
CACGTATCTACTCCCACTTTTCGGAGACAGTGACTGGTGCCAGTGTCATCCGGGC
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CATATTTTCTAAAGTTTCGTTTCTGTTTTTTAATAAAAAGCTTTTTCCTCCTGGAAC
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CAACAGTAAAAAAAAAAAAAAA

SEQ ID NO: 702
yq42d10.s1 Soares fetal liver spleen 1 NFLS Homo sapiens cDNA clone IMAGE:198451 3', mRNA sequence gi|970054|gb|R94659.1|R94659[970054]
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CTGT
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AAGGGT
TTTTGCTCATATGGCAAAAAAAATCTAATTTTTAAATTATCCTACAGNGGAATAT
ACAAC
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GGNCTTTCCAATGGGGGCCCCTAACCCAAAATTGGGCGGNCAATCT

SEQ ID NO: 703
zd29f03.s1 Soares_fetal_heart_NbHH19W Homo sapiens cDNA clone IMAGE:342077 3', mRNA sequence gi|1367074|gb|W60315.1|W60315[1367074]
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GGATGAGAGGGGCTGGGGATGGAAAGGTGGTTGGGAGACACAACATTTTTCTAG
CTTCAGAAAGTCAGGGAGCCCAGATCACAGCCTGAACTTCATGGTATTGGTTACA
GATTCTTTACAAAGGTGTTTACCTCTCTCATGAGGTCTTCTTGATTGGTTACTTCC
TCAGAAAAATCATCATTGACATCCAACACCAGCACTGGAATGTTCATCAGAGCCT
CAAAGTGGAGCCTGTCACTTGTACACANGACCTCTCAAAGATCTGTACTGGCTTC
CTGGCCTGGTAAGAGTTCTCAGGGGAAG

SEQ ID NO: 704
yb54f05.r1 Stratagene ovary (#937217) Homo sapiens cDNA clone IMAGE:75009 5', mRNA sequence gi|653755|gb|T51895.1|T51895[653755]
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CCTTTGCCCAAGTTGAAACAGGGGCCCATCATCATGTCTGTTTCCAGAACAGTGC
CTTGGTCATCCCACATCCCCGGACCCCGCCTGGGGACCCCCAAGCTGTGTCCTAT
GAAGGGGTGTGGGGGTGAGGTAGTGAAAAGGGCGGTAGTTGGTGGTGGGACCC
AGAAACGGACGCCGGTGCTTGGGAGGGGTTCTTAAATTAATATTTTAAAAAAAG
TAACTTTTTTTGTATTAAATTAAAAAGAAAATNGGGGACG

SEQ ID NO: 705
zx69a01.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:796680 3', mRNA sequence gi|2185799|gb|AA460679.1|AA460679[2185799]
TACTCAGTCACCACCCAGAAATTGTCCGAGTTATGAAATAGATTCATTTTGAGAA

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TAAGGAGGGGTCATCCTTCTCCCCGGTACCGGAACAAGAGAACAGTTAGTACAG
AAATGGCTTTGGCACTTTAACCCTTAGACATTGTCCCAAACCTTGTTACTTGAGTA
TTGTAGCCTCACCATGATTTTTTTTTAACACCGTATCATCTCCATACTTTTTATTTA
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SEQ ID NO: 706
zv64g11.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:758468 3', mRNA sequence gi|2046825|gb|AA393856.1|AA393856[2046825]
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SEQ ID NO: 707
aa47b01.r1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:824041 5' similar to TR:G1049078 G1049078 SRP30C.;, mRNA sequence
gi|2219894|gb|AA490721.1|AA490721[2219894]
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TTCCGCTCTCATGAGGGTGAAACTTCCTACATCCGAGTTTATCCTGAGAGAAGCA
CCAGCTATGGCTACTCACGGTCTCGGTCTGGGTCAAGGGGCCGTGACTCTCCATA
CCAAAGCAGGGGTTCCCACACTACTTCTCTCCTTTCAGGCCCTACTGAGACAGGT
GATGGGAATTTTTTCTTTATTTTTTAGGTTAACTGAGCTGCTTTGTGCTCAGAATC
TACATTCCAGATTGAGGATTTAGTGTCTTAGGAAATTTTTTTAATTTTTTTTTTTTA
AA

SEQ ID NO: 708
Human 78 kdalton glucose-regulated protein (GRP78) gene, complete cds
gi|183644|gb|M19645.1|HUMGRP78[183644]
CCCGGGGTCACTCCTGCTGGACCTACTCCGACCCCCTAGGCCGGGAGTGAAGGC
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ATAGACAGCTGCTGAACCAATGGGACCAGCGGATGGGGCGGATGTTATCTACCA
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AGTGACGTTTATTGCGGAGGGGGCCGCTTCGAATCGGCGGCGGCCAGCTTGGTG
GCCTGGGCCAATGAACGGCCTCCAACGAGCAGGGCCTTCACCAATCGGCGGCCT
CCACGACGGGGCTGGGGGAGGGTATATAAGCCGAGTAGGCGACGGTGAGGTCG
ACGCCGGCCAAGACAGCACAGACAGATTGACCTATTGGGGTGTTTCGCGAGTGT
GAGAGGGAAGCGCCGCGGCCTGTATTTCTAGACCTGCCCTTCGCCTGGTTCGTGG
CGCCTTGTGACCCCGGGCCCCTGCCGCCTGCAAGTCGAAATTGCGCTGTGCTCCT
GTGCTACGGCCTGTGGCTGGACTGCCTGCTGCTGCCCAACTGGCTGGCAAGATGA
AGCTCTCCCTGGTGGCCGCGATGCTGCTGCTGCTCAGCGCGGCGCGGGCCGAGG
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ACCTACTCCTGGTAAGTGGGGTTGCGGATGAGGGGGACGGGGCGTGGCGCTGGC
TGGCGTGAGAAGTGCGGTGCTGATGTCCCTCTGTCGGGTTTTTGCAGCGTCGGCG
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CGCCGTCCTATGTCGCCTTCACTCCTGAAGGGGAACGTCTGATTGGCGATGCCGC
CAAGAACCAGCTCACCTCCAACCCCGAGAACACGGTCTTTGACGCCAAGCGGCT
CATCGGCCGCACGTGGAATGACCCGTCTGTGCAGCAGGACATCAAGTTCTTGCCG
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GACCAAAATAAACCAAATTGTGGGGATGGTAGTGGGTCTTTTAAACTTTGAGATG
TCATTGTATCTGTGTCTGAAAACAATAATTCTTTAAAATAGGTGGTTGAAAAGAA
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ACAATAAAATTTTATATGTTGTATTCATCAATAATTGGCTTAAAAACTAAAGTGA
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CAAACTGTACAAAAAGAAGACGGGCAAAGATGTCAGGAAGGACAATAGAGCTG
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GACTCGGGCCAAATTTGAAGAGCTCAACATGGTATGTTCCTTGTTTTCTGCTTTGC
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GTTTAATTCACTGCCTTTAAAATGTGTGTGTTAGAACCTAACCAAATGTTAGAGA
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CCTTACAGGTGACCTGGTACTGCTTCATGTATGTCCCCTTACACTTGGTATTGAAA
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AGTTGGAAAGCTATGCCTATTCTCTAAAGAATCAGATTGGAGATAAAGAAAAGC
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GAAGTGCAGGCCCTCCCCCAACTGGTGAAGAGGATACAGCAGAAAAAGATGAGT
TGTAGACACTGATCTGCTAGTGCTGTAATATTGTAAATACTGGACTCAGGAACTT
TTGTTAGGAAAAAATTGAAAGAACTTAAGTCTCGAATGTAATTGGAATCTTCACC
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GCAGTTGCTCACATGTCTTTGGGTGGGGGGGAGAAGAAGAATTGGCCATCTTAA
AAAGCGGGTAAAAAACCTGGGTTAGGGTGTGTGTTCACCTTCAAAATGTTCTATT
TAACAACTGGGTCATGTGCATCTGGTGTAGGAGGTTTTTTCTACCATAAGTGACA
CCAATAAATGTTTGTTATTTACACTGGTCTAATGTTTGTGAGAAGCTT

SEQ ID NO: 709
Human adenosine receptor (A2) gene, complete cds
gi|177891|gb|M97370.1|HUMA2XXX[177891]
GGCACGAGGCTGGCTGAGCCATGATGCTGCTGCCAGAACCCCTGCAGAGGGCCT
GGTTTCAGGAGACTCAGAGTCCTCTGTGAAAAAGCCCTTGGAGAGGCGCCCCAG
CAGGGCTGCACTTGGCTCCTGTGAGGAAGGGGCTCAGGGTCTGGGCCCCTCCGCC
TGGGCCGGGCTGGGAGCCAGGCGGGCGGCTGGGCTGCAGCAATGGACCGTGAGC
TGGCCCAGCCCGCGTCCGTGCTGAGCCTGCCTGTCGTCTGTGGCCATGCCATCAT
GGGCTCCTCGGTGTACATCACGGTGGAGCTGGCCATTGCTGTGCTGGCCATCCTG
GGCAATGTGCTGGTGTGCTGGGCCGTGTGGCTCAACAGCAACCTGCAGAACGTC

ACCAACTACTTTGTGGTGTCACTGGCGGCGGCCGACATCGCAGTGGGTGTGCTCG
CCATCCCCTTTGCCATCACCATCAGCACCGGGTTCTGCGCTGCCTGCCACGGCTG
CCTCTTCATTGCCTGCTTCGTCCTGGTCCTCACGCAGAGCTCCATCTTCAGTCTCC
TGGCCATCGCCATTGACCGCTACATTGCCATCCGCATCCCGCTCCGGTACAATGG
CTTGGTGACCGGCACGAGGGCTAAGGGCATCATTGCCATCTGCTGGGTGCTGTCG
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AGGGCAAGAACCACTCCCAGGGCTGCGGGGAGGGCCAAGTGGCCTGTCTCTTTG
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GTGCCCCTGCTGCTCATGCTGGGTGTCTATTTGCGGATCTTCCTGGCGGCGCGAC
GACAGCTGAAGCAGATGGAGAGCCAGCCTCTGCCGGGGGAGCGGGCACGGTCCA
CACTGCAGAAGGAGGTCCATGCTGCCAAGTCACTGGCCATCATTGTGGGGCTCTT
TGCCCTCTGCTGGCTGCCCCTACACATCATCAACTGCTTCACTTTCTTCTGCCCCG
ACTGCAGCCACGCCCCTCTCTGGCTCATGTACCTGGCCATCGTCCTCTCCCACACC
AATTCGGTTGTGAATCCCTTCATCTACGCCTACCGTATCCGCGAGTTCCGCCAGA
CCTTCCGCAAGATCATTCGCAGCCACGTCCTGAGGCAGCAAGAACCTTTCAAGGC
AGCTGGCACCAGTGCCCGGGTCTTGGCAGCTCATGGCAGTGACGGAGAGCAGGT
CAGCCTCCGTCTCAACGGCCACCCGCCAGGAGTGTGGGCCAACGGCAGTGCTCC
CCACCCTGAGCGGAGGCCCAATGGCTATGCCCTGGGGCTGGTGAGTGGAGGGAG
TGCCCAAGAGTCCCAGGGGAACACGGGCCTCCCAGACGTGGAGCTCCTTAGCCA
TGAGCTCAAGGGAGTGTGCCCAGAGCCCCCTGGCCTAGATGACCCCCTGGCCCA
GGATGGAGCAGGAGTGTCCTGATGATTCATGGAGTTTGCCCCTTCCTAAGGGAAG
GAGATCTTTATCTTTCTGGTTGGCTTGACCAGTCACGTTGGGAGAAGAGAGAGAG
TGCCAGGAGACCCTGAGGGCAGCCGGTTCCTACTTTGGACTGAGAGAAGGGAGC
CCCAGGCTGGAGCAGCATGAGGCCCAGCAAGAAGGGCTTGGGTTCTGAGGAAGC
AGATGTTTCATGCTGTGAGGCCTTGCACCAGGTGGGGGCCACAGCACCAGCAGC
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GGGTTCAGGAGCTGCTGGGCCCAGAGGTGACATTTGACTTTTTTCCAGGAAAAAT
GTAAGTGTGAGGAAACCCTTTTTATTTTATTACCTTTCACTCTCTGGCTGCTGGGT
CTGCCGTCGGTCCTGCTGCTAACCTGGCACCAGAGCCTCTGCCGGGGAGCCTCAG
GCAGTCCTCTCCTGCTGTCACAGCTGCCATCCACTTCTCAGTCCCAGGGCCATCTC
TTGGAGTGACAAAGCTGGGATCAAGGACAGGGAGTTGTAACAGAGCAGTGCCAG
AGCATGGGCCCAGGTCCCAGGGGAGAGGTTGGGGCTGGCAGGCCACTGGCATGT
GCTGAGTAGCGCAGAGCTACCCAGTGAGAGGCCTTGTCTAACTGCCTTTCCTTCT
AAAGGGAATGTTTTTTTCTGAGATAAAATAAAAACGAGCCACATCGTGTTTTAAG
CTTGTCCAAATGAAAAAAAAAAAAAAAAA/

SEQ ID NO: 710

za59g01.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:296880 5' similar to gb:M64925 55 KD ERYTHROCYTE MEMBRANE PROTEIN (HUMAN);, mRNA sequence gi|1273219|gb|W01240.1|W01240[1273219]

GAGGAACATCTCTGCCAATGAGTTCTTGGAGTTTGGCAGCTACCAAGGCAACATG
TTTGGCACCAAATTTGAAACAGTGCACCAGATCCATAAGCAGAACAAGATTGCC
ATCCTTGACATTGAGCCCCAGACCCTGAAAATTGTTCGGACAGCAGAACTTTCGC
CTTTCATTGTGTTCATTGCACCTACTGACCAGGGCACTCAGACAGAAGCCCTGCA
GCAGCTGCAGAAGGACTCTGAGGCCATCCGCAGCCAGTACGCTCACTACTTTGAC
CTCTCACTGGTCAATAATGGTGTTGATGAAACCCTTAANGAAATTACAAGAAGCC
TTCGACCAAGCGTGCAGTTCTCCACAGTGGGGTGGCTGGTCTCCTGGGGTTTACT

NAAGCCTGGTAAGAATTGGGGGGAACCCACTTGGTATTGNCCCTCTTCCAGGATT
TTGGAAATTCCAACCGGCCTTGGNTTTAAGAGAAAANAAGGGNTGGTTCCCACT
AAT

SEQ ID NO: 711
ab36c08.r1 Stratagene HeLa cell s3 937216 Homo sapiens cDNA clone IMAGE:842894 5' similar to TR:G1256802 G1256802 SODIUM/POTASSIUM-TRANSPORTING ATPASE BETA-3 SUBUNIT.; mRNA sequence gi|2218877|gb|AA489275.1|AA489275[2218877]
CTGGCCGAGTGGAAGCTCTTCATCTACAACCCGACCACCGGAGAATTCCTGGGGC
GCACCGCAAGAGCTGGGGTTTGATCTTGCTCTTCTACCTAGTTTTTTATGGGTTCC
TGGCTGCACTCTTCTCATTCACGATGTGGGTTATGCTTCAGACTCTCAACGATGA
GGTTCCAAAATACCGTGACCAGATTCCTAGCCCAGGACTCATGGTTTTTCCAAAA
CCAGTGACCGCATTGGAATATACATTCAGTAGGTCTGATCCAACTTCGTATGCAG
GGTACATTGAAGACCTTAAGAAGTTTCTAAAACCATATACTTTAGAAGAACAGA
AGAACCTCACAGTCTGTCCTGATGGAGCACTTTTTGAACAGAAGGGTCCAGTTTA
TGTTGCATGTCAGTTTCCTATTTCATTACTTCAAGCATGCAGTGGTATGAATGATC
CTGATTTTGGCTATTCTCAAGGAAAC

SEQ ID NO: 712
za24e08.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:293510 3', mRNA sequence gi|1225735|gb|N69574.1|N69574[1225735]
AACTAATATTAAATAGTAAATTTAATGTGTATTAATATTGTCATATAATATTGNN
ATTACTCATGTAAATGTAAATATTACATTGAGGATATAGTAAATATTAAATTTAC
TATGTCATTGAGGACAGTATTTCAAACTAGCTTTTTTAAAAAGAAAAACAGAAGA
TGGCAGTGAATAGAACAGTGATTGTTCATACTACTTGGATCTACTGCCTTAATTT
ATACTAGGATGTCAATCCACCATTGATTTTGGACCATCAGTGCCAATGTCNACGT
AGCCAAAAAGGCCAAT

SEQ ID NO: 713
Human mRNA for gamma-interferon inducible early response gene (with homology to platelet proteins) gi|33917|emb|X02530.1|HSINFGER[33917]
GAGACATTCCTCAATTGCTTAGACATATTCTGAGCCTACAGCAGAGGAACCTCCA
GTCTCAGCACCATGAATCAAACTGCGATTCTGATTTGCTGCCTTATCTTTCTGACT
CTAAGTGGCATTCAAGGAGTACCTCTCTCTAGAACCGTACGCTGTACCTGCATCA
GCATTAGTAATCAACCTGTTAATCCAAGGTCTTTAGAAAAACTTGAAATTATTCC
TGCAAGCCAATTTTGTCCACGTGTTGAGATCATTGCTACAATGAAAAAGAAGGGT
GAGAAGAGATGTCTGAATCCAGAATCGAAGGCCATCAAGAATTTACTGAAAGCA
GTTAGCAAGGAAATGTCTAAAAGATCTCCTTAAAACCAGAGGGGAGCAAAATCG
ATGCAGTGCTTCCAAGGATGGACCACACAGAGGCTGCCTCTCCCATCACTTCCCT
ACATGGAGTATATGTCAAGCCATAATTGTTCTTAGTTTGCAGTTACACTAAAAGG
TGACCAATGATGGTCACCAAATCAGCTGCTACTACTCCTGTAGGAAGGTTAATGT
TCATCATCCTAAGCTATTCAGTAATAACTCTACCCTGGCACTATAATGTAAGCTCT
ACTGAGGTGCTATGTTCTTAGTGGATGTTCTGACCCTGCTTCAAATATTTCCCTCA
CCTTTCCCATCTTCCAAGGGTACTAAGGAATCTTTCTGCTTTGGGGTTTATCAGAA
TTCTCAGAATCTCAAATAACTAAAAGGTATGCAATCAAATCTGCTTTTTAAAGAA
TGCTCTTTACTTCATGGACTTCCACTGCCATCCTCCCAAGGGGCCCAAATTCTTTC
AGTGGCTACCTACATACAATTCCAAACACATACAGGAAGGTAGAAATATCTGAA
AATGTATGTGTAAGTATTCTTATTTAATGAAAGACTGTACAAAGTATAAGTCTTA
GATGTATATATTTCCTATATTGTTTTCAGTGTACATGGAATAACATGTAATTAAGT

ACTATGTATCAATGAGTAACAGGAAAATTTTAAAAATACAGATAGATATATGCTC
TGCATGTTACATAAGATAAATGTGCTGAATGGTTTTCAAATAAAAATGAGGTACT
CTCCTGGAAATATTAAGAAAGACTATCTAAATGTTGAAAGATCAAAAGGTTAAT
AAAGTAATTATAACT

SEQ ID NO: 714
ab21g06.r1 Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:841498 5' similar to gb:X54304 MYOSIN REGULATORY LIGHT CHAIN 2, NONSARCOMERIC (HUMAN);, mRNA sequence gi|2217534|gb|AA487370.1|AA487370[2217534]
ACAAGGAAGATTTGCATGATATGCTTGCTTCTCTAGGGAAGAATCCCACTGATGC
ATACCTTGATGCCATGATGAATGAGGCCCCAGGGCCATTCAATTTCACCATGTTC
CTGACCATGTTTGGTGAGAAGTTAAATGGCACAGATCCTGAAGATGTCATCAGA
AACGCCTTTGCTTGCTTTGATGAAGAAGCAACAGGCACCATTCAGGAAGATTACC
TAAGAGAGCTGCTGACAACCATGGGGGATCGGTTTACAGATGAGGAAGTGGATG
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TCACACGCATCCTGAAACATGGAGCCAAAGACAAAGATGACTGAAAGAACTTTA
G

SEQ ID NO: 715
H.sapiens mRNA for central cannabinoid receptor
gi|736236|emb|X81120.1|HSCANN6[736236]
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CATTTTGAGCTCAGCCTAATCAAAGACTGAGGTTATGAAGTCGATCCTAGATGGC
CTTGCAGATACCACCTTCCGCACCATCACCACTGACCTCCTGTACGTGGGCTCAA
ATGACATTCAGTACGAAGACATCAAAGGTGACATGGCATCCAAATTAGGGTACT
TCCCACAGAAATTCCCTTTAACTTCCTTTAGGGGAAGTCCCTTCCAAGAGAAGAT
GACTGCGGGAGACAACCCCCAGCTAGTCCCAGCAGACCAGGTGAACATTACAGA
ATTTTACAACAAGTCTCTCTCGTCCTTCAAGGAGAATGAGGAGAACATCCAGTGT
GGGGAGAACTTCATGGACATAGAGTGTTTCATGGTCCTGAACCCCAGCCAGCAG
CTGGCCATTGCAGTCCTGTCCCTCACGCTGGGCACCTTCACGGTCCTGGAGAACC
TCCTGGTGCTGTGCGTCATCCTCCACTCCCGCAGCCTCCGCTGCAGGCCTTCCTAC
CACTTCATCGGCAGCCTGGCGGTGGCAGACCTCCTGGGGAGTGTCATTTTTGTCT
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TTGTCACCAGGCCCAAGGCCGTGGTGGCGTTTTGCCTGATGTGGACCATAGCCAT
TGTGATCGCCGTGCTGCCTCTCCTGGGCTGGAACTGCGAGAAACTGCAATCTGTT
TGCTCAGACATTTTCCCACACATTGATGAAACCTACCTGATGTTCTGGATCGGGG
TCACCAGCGTACTGCTTCTGTTCATCGTGTATGCGTACATGTATATTCTCTGGAAG
GCTCACAGCCACGCCGTCCGCATGATTCAGCGTGGCACCCAGAAGAGCATCATC
ATCCACACGTCTGAGGATGGGAAGGTACAGGTGACCCGGCCAGACCAAGCCCGC
ATGGACATTAGGTTAGCCAAGACCCTGGTCCTGATCCTGGTGGTGTTGATCATCT
GCTGGGGCCCTCTGCTTGCAATCATGGTGTATGATGTCTTTGGGAAGATGAACAA
GCTCATTAAGACGGTGTTTGCATTCTGCAGTATGCTCTGCCTGCTGAACTCCACC
GTGAACCCCATCATCTATGCTCTGAGGAGTAAGGACCTGCGACACGCTTTCCGGA
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CTCGGACTGCCTGCACAAACACGCAAACAATGCAGCCAGTGTTCACAGGGCCGC
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CACAGACACGTCTGCCGAGGCTCTGTGAGCCTGATGCCTCCCTGGCAGCACAGG

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TACAGTGAAGAAAGCCTGTTGTTTAAGTGACTGAACGATCCTTCAAAGTCTCAAT
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ATGTAACTGTCCGTAGTATCAGAGATGTCCATTTTTACAAGTTATAGTACTAGAG
ATATTTTGTAAAATGTATTATGTCCTGTGAGATGTGTATCAGTGTTTATGTGCTAT
TAATATTTGTTTAGTTCAGCCAAACTGAAAGGTAGACTTTTATGAGAACAATGGA
CAAGCAGTGGATACGTGTCAATGTGTGCACTTTTTTTCTATATTATTGCCCATGAT
ATAACTTTAGAAATAAACCTTAATATTTCTTCCCAAAAAAAAAAA

SEQ ID NO: 716
Human mRNA for dihydropteridine reductase (hDHPR)
gi|30818|emb|X04882.1|HSDHPR[30818]
CGGAGCCGGGCTGGCAGGAGCAGGATGGCGGCGGCGGCGGCTGCAGGCGAGGC
GCGCCGGGTGCTGGTGTACGGCGGCAGGGGCGCTCTGGGTTCTCGATGCGTGCA
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GACCAGGTGACTGCTGAGGTTGGAAAGCTCTTGGGTGAAGAGAAGGTGGATGCA
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TTAAGAACTGTGACCTGATGTGGAAGCAGAGCATATGGACATCGACCATCTCCA
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CGGGGCAGCCGCCATCGCTGTGCTCCCGGTTACCCTGGATACCCCGATGAACAGG
AAATCAATGCCTGAGGCTGACTTCAGCTCCTGGACACCCTTAGAATTCCTAGTTG
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TCCAGGTGGTAACCACAGAAGGAAGGACGGAACTCACCCCAGCATATTTTTAGG
CCTCATCTCAGTGCCTATGAGGGGCCTGCCAGAAAAGTCACTAACCTGTCTCAGT
GTGGCCTTGTCCAGCCTTGTGTTTTCTGTAACCCCTGTTTGTGGTACGAGATAATG
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TTGGATCGCTTTTGTGACTGTTCATCTGTCCTTGACAGTGGCTGTCATCTTGACTA
CTTTGTTGATTTGTTGGTATTGGGGACATTTTAAAGGCTGAGTTATTTTTGAATGT
CATGTTTATGTCATAGACGTAGTTTTCGCATCCTTGAATTAAACTGCCTTAACTCC
TTTTGTGGTAT

SEQ ID NO: 717
aa24g12.r1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:814246 5' similar to gb:D00762 PROTEASOME COMPONENT C8 (HUMAN);, mRNA sequence
gi|2191760|gb|AA465593.1|AA465593[2191760]
CGATGACTCAATCGGCACTGGGTATGACCTGTCAGCCTCTACATTCTCTCCTGAC
GGAAGAGTTTTTCAAGTTGAATATGCTATGAAGGCTGTGGAAAATAGTAGTACA
GCTATTGGAATCAGATGCAAAGATGGTGTTGTCTTTGGGGTAGAAAAATTAGTCC
TTTCTAAACTTTATGAAGAAGGTTCCAACAAAAGACTTTTTAATGTTGATCGGCA
TGTTGGAATGGCAGTAGCAGGTTTGTTGGCAGATGCTCGTTCTTTAGCAGACATA
GCAAGAGAAGAAGCTTCCAACTTCAGATCTAACTTTGGCTACAACATTCCACTAA

AACATCTTGCAGACAGAGTGGCCATGTATGTGCATGCATATACACTCTACAGTGC
TGTTAGACCTTTTGGGCTGCAGTTTCA

SEQ ID NO: 718
zx10e07.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:786084 3', mRNA sequence gi|2162337|gb|AA448667.1|AA448667[2162337]
ATAAATCTATAGTTTTATTAAGACAAAAACTGACAATGTAGTATGAAGTTTACAT
TTAAA
CAAAGTTTACACAGGAATCTAACACATGCCTAAAAGAATTTTACAACGTAGCTCT
AGATGCAAGTCTAGACAATATCAAGAACTGATGGTTCTCATGACTCAAGACAGA
GCATTTTGGGTATGTTACTTATTAGGATTTCTTAAAAAATTGTTTTGTGTGTGTAT
GTGTGTGTTTTAAAGTGAACCACTGCCCAATATGAAAGTTTAATCTTCTCCTGAG
ACCAAGGCTTTTGAAATCACTAAACTCTTGGATCAATTCAGTGAAACTTGTGCTG
TCAGTGACTGAACCCTGCCAACAATGGTTTCAGTGTTCAAAGCTCAAAGAAAAC
GGCT

SEQ ID NO: 719
Human hyaluronate receptor (CD44) gene, exon 1
gi|180127|gb|M69215.1|HUMSCG01[180127]
TGGTTTGTGGTTTTTATGAAGAGATGTGAAAAAGGAAGTGTGGAATGATGGGAT
GAGAAGTTGTATGGGGAAGATGAATAGAAGAATTAGGTGGTTGAATAAAATTAA
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AAAGATGGGTGGATAGATGGATGGGCGGATGGAAGGATATTTAGGAGGATGAAT
GAGCATGTGTGTGGAGAGAGGTGCCCATTCACACTGGCTTGAACACATGGGTTA
GCTGAGCCAAATGCCAGCCCTATGACAGGCCATCAGTAGCTTTCCCTGAGCTGTT
CTGCCAAGAAGCTAAAATTCATTCAAGCCATGTGGACTTGTTATTGAGGGGAAA
AAGAATGAGCTCTCCCTCTTTCCACTTGGAAGATTCACCAACTCCCCACCCCTCA
CTCCCCACTGTGGGCACGGAGGCACTGCGCCACCCAGGGCAAGACCTCGCCCTCT
CTCCAGCTCCTCTCCCAGGATATCCAACATCCCTGTGAAACCAGAGATCTTGCTC
CAGCCGGATTCAGAGAAATTTAGCGGGAAAGGAGAGGCCAAAGGCTGAACCCA
ATGGTGCAAGGTTTTACGGTTCGGTCATCCTCTGTCCTGACGCCGCGGGGCCAGC
GGGAGAAGAAAGCCAGTGCGTCTCTGGGCGCAGGGGCCAGTGGGGCTCGGAGG
CACAGGCACCCCGCGACACTCCAGGTTCCCCGACCCACGTCCCTGGCAGCCCCGA
TTATTTACAGCCTCAGCAGAGCACGGGGCGGGGGCAGAGGGGCCCGCCCGGGAG
GGCTGCTACTTCTTAAAACCTCTGCGGGCTGCTTAGTCACAGCCCCCCTTGCTTGG
GTGTGTCCTTCGCTCGCTCCCTCCCTCCGTCTTAGGTCACTGTTTTCAACCTCGAA
TAAAAACTGCAGCCAACTTCCGAGGCAGCCTCATTGCCCAGCGGACCCCAGCCTC
TGCCAGGTTCGGTCCGCCATCCTCGTCCCGTCCTCCGCCGGCCCCTGCCCCGCGC
CCAGGGATCCTCCAGCTCCTTTCGCCCGCGCCCTCCGTTCGCTCCGGACACCATG
GACAAGTTTTGGTGGCACGCAGCCTGGGGACTCTGCCTCGTGCCGCTGAGCCTGG
CGCAGATCGGTGAGTGCCCGCCGCAGGCTGGGCAGCAAGATGGGTGCGGGGTGC
TCAGCGCGGAC

SEQ ID NO: 720
yi63g06.r1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:143962 5', mRNA sequence gi|851402|gb|R76770.1|R76770[851402]
AATTCGGAACGAGGNCTGTACAACACAGTGTCATACAGGGATAATGCTATCATA
TTTAATATGAAACAGTGTTACGGGCACAAATTACCCATTTCTACAAAATAAGTGT

GCAAGTGATGCCACATATTATCCATATTCAACTGAGCTGTCATCAAAATACATTT
TATTTACAATATGTACTATGATCAGTTGGATATTAAGTTCTAAAATGATTTACTTC
ACTGCTACATTATAAAGGTAAAAGCAATGTGTAGGAAAAAGTGTGAGATTGTGT
TTTTACATACTGCTTTTGTAGTTGCCATCGCTGGTTCAGTTCGACTTATAACATAT
GTCTTGCTTGTAGGATTTAACACCTCCAATAGGGGATTCTTCTAACATTACAGGA
GGATTCTTAGGGGATCCGGGGCTTTTTCANCAGTATAT

SEQ ID NO: 721
yi07h02.r1 Soares placenta Nb2HP Homo sapiens cDNA clone IMAGE:138579 5', mRNA sequence gi|835174|gb|R63295.1|R63295[835174]
AATTCGGAACGAGGGAGAAATCAGTCTGGTTTCCATCCCAGTCGGGGAAGAGAG
AGGTGAGAGGGAATCAGAACGTACCTAGTTGATTCCTTGGTGACAAGTGCAATG
GGGTATGGGTAGAATTTATTTTCAGAGCCAAGAGGACTTGATGGTTATAAATAAA
GTTGCCTTTAGCAATGGAATTTACAGATCGATCATGTTGTTCCNAAAGATGTGAA
TAGGATCCACAATAACAAGTTGATTCAGACTAATGTAGATATTTAGATTAGCAAG
TATTGAACATTTGATTTCTTAGGACTGAGCTTTTAAATGAATTTCCATTATTTCTT
CC

SEQ ID NO: 722
Homo sapiens P2U nucleotide receptor mRNA, complete cds
gi|984506|gb|U07225.1|HSU07225[984506]
CGGCACGAGGCACCCCGAGAGGAGAAGCGCAGCGCAGTGGCGAGAGGAGCCCC
TTGTGGCAGCAGCACTACCTGCCCAGAAAAATGCTGGAGGCTGGGCGTGGCCCC
AGGCCTGGGGACCTGTTTTTCCTGTTTCCCGCAGAGTTCCCTGCAGCCCGGTCCA
GGTCCAGGCGTGTGCATTCATGAGTGAGGAACCCGTGCAGGCGCTGAGCATCCT
GACCTGGAGAGCAGGGGCTGGTCAGGGCGATGGCAGCAGACCTGGGCCCCTGGA
ATGACACCATCAATGGCACCTGGGATGGGGATGAGCTGGGCTACAGGTGCCGCT
TCAACGAGGACTTCAAGTACGTGCTGCTGCCTGTGTCCTACGGCGTGGTGTGCGT
GCTTGGGCTGTGTCTGAACGCCGTGGCGCTCTACATCTTCTTGTGCCGCCTCAAG
ACCTGGAATGCGTCCACCACATATATGTTCCACCTGGCTGTGTCTGATGCACTGT
ATGCGGCCTCCCTGCCGCTGCTGGTCTATTACTACGCCCGCGGCGACCACTGGCC
CTTCAGCACGGTGCTCTGCAAGCTGGTGCGCTTCCTCTTCTACACCAACCTTTACT
GCAGCATCCTCTTCCTCACCTGCATCAGCGTGCACCGGTGTCTGGGCGTCTTACG
ACCTCTGCGCTCCCTGCGCTGGGGCCGGGCCCGCTACGCTCGCCGGGTGGCCGGG
GCCGTGTGGGTGTTGGTGCTGGCCTGCCAGGCCCCCGTGCTCTACTTTGTCACCA
CCAGCGCGCGCGGGGGCCGCGTAACCTGCCACGACACCTCGGCACCCGAGCTCT
TCAGCCGCTTCGTGGCCTACAGCTCAGTCATGCTGGGCCTGCTCTTCGCGGTGCC
CTTTGCCGTCATCCTTGTCTGTTACGTGCTCATGGCTCGGCGACTGCTAAAGCCAG
CCTACGGGACCTCGGGCGGCCTCCCTAGGGCCAAGCGCAAGTCCGTGCGCACCA
TCGCCGTGGTGCTGGCTGTCTTCGCCCTCTGCTTCCTGCCATTCCACGTCACCCGC
ACCCTCTACTACTCCTTCCGCTCGCTGGACCTCAGCTGCCACACCCTCAACGCCAT
CAACATGGCCTACAAGGTTACCCGGCCGCTGGCCAGTGCTAACAGTTGCCTTGAC
CCCGTGCTCTACTTCCTGGCTGGGCAGAGGCTCGTACGCTTTGCCCGAGATGCCA
AGCCACCCACTGGCCCCAGCCCTGCCACCCCGGCTCGCCGCAGGCTGGGCCTGCG
CAGATCCGACAGAACTGACATGCAGAGGATAGGAGATGTGTTGGGCAGCAGTGA
GGACTTCAGGCGGACAGAGTCCACGCCGGCTGGTAGCGAGAACACTAAGGACAT
TCGGCTGTAGGAGCAGAACACTTCAGCCTGTGCAGGTTTATATTGGGAAGCTGTA
GAGGACCAGGACTTGTGCAGACGCCACAGTCTCCCCAGATATGGACCATCAGTG
ACTCATGCTGGATGACCCCATGCTCCGTCATTTGACAGGGGCTCAGGATATTCAC

TCTGTGGTCCAGAGTCAACTGTTCCCATAACCCCTAGTCATCGTTTGTGTGTATAA
GTTGGGGGAATTAAGTTTCAAGAAAGGCAAGAGCTCAAGGTCAATGACACCCCT
GGCCTGACTCCCATGCAAGTAGCTGGCTGTACTGCCAAGGTACCTAGGTTGGAGT
CCAGCCTAATCAAGTCAAATGGAGAAACAGGCCCAGAGAGGAAGGTGGCTTACC
AAGATCACATACCAGAGTCTGGAGCTGAGCTACCTGGGGTGGGGGCCAAGTCAC
AGGTTGGCCAGAAAACCCTGGTAAGTAATGAGGGCTGAGTTTGCACAGTGGTCT
GGAATGGACTGGGTGCCACGGTGGACTTAGCTCTGAGGAGTACCCCCAGCCCAA
GAGATGAACATCTGGGGACTAATATCATAGACCCATCTGGAGGCTCCCATGGGC
TAGGAGCAGTGTGAGGCTGTAACTTATACTAAAGGTTGTGTTGCCTGCTAAAAAA
AA

SEQ ID NO: 723
aa50e04.s1 NCI_CGAP_GCB1 Homo sapiens cDNA clone IMAGE:824382 3', mRNA sequence
gi|2219301|gb|AA489699.1|AA489699[2219301]
TTTTTTTTTTTGAAATAATTGAAGAATTCAGTTAAATATTTATTGAACAAATGCAG
AGTA
AATGAACTAAGGGCTGTTATAACCTTAAGTTACAACAAACAACTTCAAATATTCA
GAGGGCTGTCACACAGAGAATGAAAGACTTGCTCAGTATTTCTCCAAAGGGCAG
AACTTGAGCCAAGGGATAAATATAAGCAACCAATGGGCTGCAGGATAGTTGTAC
AAAGTGTATCATGTATCTTCATAGCTTCTTTGCCCATATAATGCATTCCACACTTA
AGTTTCTCCTTCTAAAAGGCGACACGACAAGTTAATATGTCTCATAAATGTCTTA
AATAAGTTGCATTTTCATGGCAAGCCCTCCACTGCCAGCAATGGATATACTCACA
CTATTGGAAAAAATCTAAAGTTAACAAACTGGTTTAGTATGGAAATGGTCTATTT
GTTCCTCAGCTATGTTTCTGTATCCTACATTAGTGGCTCTCAGGAGG

SEQ ID NO: 724
HUMHBC4799 Human pancreatic islet Homo sapiens cDNA similar to alpha-1 antichymotrypsin, mRNA sequence gi|1262485|dbj|D83812.1|D83812[1262485]
CGCAGACAATGATGGTCCTGGTGAATTACATCTTCTTTAAAGCCAAATGGGAGAT
GCCCTTTGACCCCCAANATACTCATCAGTCAAGGTTCTACTTGAGCAAGAAAAAG
TGGGTAATGGTGCCCATGATGAGTTTGCATCACCTGACTATACCTTACTTCCGGG
ACGAGGAGCTGTCCTGCACCGTGGTGGAGCTGAAGTACACAGGCAATGCCAGCG
CACTCTTCATCCTCCCTGATCAAGACAAGATGGAGGAAGTGGAAGCCATGCTGCT
CCCANAGACCCTGAAGCGGTGGAGAGACTCTCTGGAGTTCANAGAGATAGGTGA
GCTCTACCTGCCAAAGTTTTCCANCTCGAGGGACTATAACCTGAACGACATNCTT
CTCCAGCTGGGCATTGAGGAAGCCTTC

SEQ ID NO: 725
zx84c12.s1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE:810454 3', mRNA sequence gi|2179839|gb|AA457119.1|AA457119[2179839]
CTCATCAAAACATGATTTATTAATTTTAAGCAAGAGTAAGCATATGTGATAGTGG
CCAGCTTGGGGATAGAACTCTTCCTGGTTGATGCACAGTTCAGCACCTGTTGGGT
CTTGGCTGTTGGGATGATAATTCTTTTGGGTGAGGGGAACAGCCGTGGTCAAGGC
TGCCTGCACCCCCATCCAGGCACAGGACCCTGGGCAAAGTCTCAAAAGAGGTAG
TGTTTTTACTTTCGCACCAACAATACAACATAAGTATTGGGTACAAAAGAGGAGA
TTTCCTTCCCCTCTACCTCAACGGGCAAAAGGCCTTCCATCTTCAGAAGAGGCTT
GTGAGGACCATCGGTTGGATGACCTCCTAGTGAGTTCTGGCTCCCATTCAGAGCA

CAGAGAAACCCACAAAAGGGGCCTGTGGATCTGGTTCCAGGTCTCAAGGGTACA
GCTTGGTTACATCCCCAGGCCCC

SEQ ID NO: 726
yu10b07.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:233365 5', mRNA sequence gi|1057977|gb|H79888.1|H79888[1057977]
GGCACGAGAATNGAGGCACAATATAGCACTGACTGAGTTGTAAAGCCTCCTGCC
TGGAGACTTCAGTTATAGCTGTAATAATTAATCTTATTTATAAAAGCCACTCCAC
TAACCTTTTCTCTCCAACTGTAAACACAGAGACAGCTTTGGGAATAAGCCAAAAA
CAGGGTGATCTCATTAGATTTTGAAGATATATGACTCCTTTGGGCTACATTTCATA
TTGATCAATTTCTAGGTATTTTTCACTGGCCCAAAGTATTGCATTCCCTTAACAGC
AAGCACAAGTTCTCTATATCACTTGTTTTTTGTTGTTGTTGTTGTTGTCGTCGTTGT
TTTGAGGACGGAGTTTTGNCTCAGGTGCCCCGGNAGTGGCAGTGGTGCAATCTCA
GCTCACTGGCAACCTCCACCTCCGGGGGTTCAAGGCAATTCTCCGGTT

SEQ ID NO: 727
yr38g10.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:207618 3' similar to gb:L24038_rna1 A-RAF PROTO-ONCOGENE SERINE/THREONINE-PROTEIN KINASE (HUMAN);, mRNA sequence
gi|1012590|gb|H59758.1|H59758[1012590]
AATNATTAACAAGCAAAGGCCCAGCAGAATTCTGTGCTTCTTGGTGAAGAAAGA
GAGGAGTCCTTGAATGGCGGGGGAGACACAAAAGGGACCCCCCAAAATCCACAT
GGGGTGCTGGGAACCCCAAAATCCAGTGGAAGGCACATCAGGCACAAATTCCAG
AGAGGTTCTGAGTGGAATCCCTGCCACAAATCCCAGCCATTGGAGATGGAGGAG
CTCCCAAAATTTAGAAGTATCCCCAAAGCCAAGAGGAAACCAAATGATGGGAGG
AGACAGGGGGCTCAGTCTTTGGGCGGGGGTCCCCCAATTTCCAGAAGAACTGGG
AAAAGGCACATGGGGGNCCCCCTTCATCTTCCCGGGGTGGGGGAATGGGGGGAT
TCCTNAGGGCAGCNTCAGGGGCAGAGACGAACTTTGTTTGGGTTGGTNGGGCAA
GGTTCCTTGGGCTTNGGAG

SEQ ID NO: 728
Human thyroid hormone receptor alpha 1 (TR-alpha-1) gene, complete cds
gi|339662|gb|M24748.1|HUMTHRA1A[339662]
TGCCGGGGGGGCCAGTGTGCCCACCCCAGTCTCTTGGCGTGCTGGAGGGCATCCT
GGATGGAATTGAAGTGAATGGAACAGAAGCCAAGCAAGGTGGAGTGTGGGTCA
GACCCAGAGGAGAACAGTGCCAGGTCACCAGATGGAAAGCGAAAAAGAAAGAA
CGGCCAATGTTCCCTGAAAACCAGCATGTCAGGGTATATCCCTAGTTACCTGGAC
AAAGACGAGCAGTGTGTCGTGTGTGGGGACAAGGCAACTGGTTATCACTACCGC
TGTATCACTTGTGAGGGCTGCAAGGGCTTCTTTCGCCGCACAATCCAGAAGAACC
TCCATCCCACCTATTCCTGCAAATATGACAGCTGCTGTGTCATTGACAAGATCAC
CCGCAATCAGTGCCAGCTGTGCCGCTTCAAGAAGTGCATCGCCGTGGGCATGGCC
ATGGACTTGGTTCTAGATGACTCGAAGCGGGTGGCCAAGCGTAAGCTGATTGAG
CAGAACCGGGAGCGGCGGCGGAAGGAGGAGATGATCCGATCACTGCAGCAGCG
ACCAGAGCCCACTCCTGAAGAGTGGGATCTGATCCACATTGCCACAGAGGCCCA
TCGCAGCACCAATGCCCAGGGCAGCCATTGGAAACAGAGGCGGAAATTCCTGCC
CGATGACATTGGCCAGTCACCCATTGTCTCCATGCCGGACGGAGACAAGGTGGA
CCTGGAAGCCTTCAGCGAGTTTACCAAGATCATCACCCCGGCCATCACCCGTGTG
GTGGACTTTGCCAAAAAACTGCCCATGTTCTCCGAGCTGCCTTGCGAAGACCAGA
TCATCCTCCTGAAGGGGTGCTGCATGGAGATCATGTCCCTGCGGGCGGCTGTCCG

CTACGACCCTGAGAGCGACACCCTGACGCTGAGTGGGGAGATGGCTGTCAAGCG
GGAGCAGCTCAAGAATGGCGGCCTGGGCGTAGTCTCCGACGCCATCTTTGAACT
GGGCAAGTCACTCTCTGCCTTTAACCTGGATGACACGGAAGTGGCTCTGCTGCAG
GCTGTGCTGCTAATGTCAACAGACCGCTCGGGCCTGCTGTGTGTGGACAAGATCG
AGAAGAGTCAGGAGGCGTACCTGCTGGCGTTCGAGCACTACGTCAACCACCGCA
AACACAACATTCCGCACTTCTGGCCCAAGCTGCTGATGAAGGTGACTGACCTCCG
CATGATCGGGGCCTGCCACGCCAGCCGCTTCCTCCACATGAAAGTCGAGTGCCCC
ACCGAACTCTTCCCCCCACTCTTCCTCGAGGTCTTTGAGGATCAGGAAGTCTAAA
GCCTCAGGCGGCCAGAGGGTGTGCGGAGCTGGTGGGGAGGAGCCTGGAGAGAA
GGGGCAGAGCTGGGGGCTGAGGGAGACCCCCCCACACCCCTTCTCTCCTTCCTCT
CGTCCTTGGATAGATTCAGCTCCCACACACACACCCCGCACTGCCCAGGTCCCTC
CTCAGACCTCCAGCCCTGGGACAGGGCAAACAACTGAACTTGCTATGGAAAGGA
CAGTGTGGGAGGCTGGGGGAGCTGTGTCCTGCAGTTCCCAGGACCCCATCCTCTC
AGAAGGTAGGGGAAGGGCGGGAGGATTGAGAAGGGACAAGCCACCTTGACCGT
AGGGGAAGGAGGAATGTGGGCTGGGGGAAGATGCCCTCAACTCACCCCCTCACA
CACATGAGAGAGAGCCCCCACCCAGTTCCTTGGCCTAGGTCTCCCCTCCAGGCTG
AGGGCCTCTCTACTTCCCCAGATGCCTGGGTGCAAAGAACGGCTTGGCTTGGCTC
CTCCTCTGGAGGTTAAAATTTATAGTCATTCTAACTGCACTTGGAAACCAAGCAA
GGGGAGAAGACAAATGAAGAAAAACT

SEQ ID NO: 729
ae40d05.s1 Gessler Wilms tumor Homo sapiens cDNA clone IMAGE:898281 3' similar to gb:X53416 ENDOTHELIAL ACTIN-BINDING PROTEIN (HUMAN);, mRNA sequence gi|2432277|gb|AA598978.1|AA598978[2432277]
TTTTTTTTTAATGGAAGCAAAACTTTATTCCTCTTGGCTGGAGAAGAGAACTAGT
GGGTGGTTGTGTACAGGACCCCCATCCCTCACCCCTCCCAGAACCAAAGAAGAC
AAGCAGCGCCACCAAATGGCTCCCTCTGCCCAAGTGAAAGCCGAGAGGTCAGCG
GCTGGCTGGGGAGGCAGGTGAGCGCACACGGCACAGGGCAGGGGCGGCTGCAG
TGACAGGCGGGCGGCCAGGGCGGCCTGGGCCGGGGTTGAGGGGAAGAGGGCGG
GGCTGCTTGGGTAGCGGGGCAGGCTTGGGGGCTGCCGGCTGGCACGGGCCCCAG
ACTCAGGGCACCACAACGCGGTAGGGGCTGCCTGGGATGTGCTCGTCCCCCCATT
TGACCACCAGTGTGTAATCCCCCTTGTCCTTGAGCAGGTAGGACACGCTGTAGAG
CCGGATTGCCAAGTTCTTTACCAGGAGTTTCCCGCAGGGGGCCTTTGGCCATTAA
CCCCACC

SEQ ID NO: 730
yr86d03.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:212165 3' similar to gb:Z22548 THIOL-SPECIFIC ANTIOXIDANT PROTEIN (HUMAN);, mRNA sequence gi|1030355|gb|H68845.1|H68845[1030355]
TTCCCTAATACTTTATTGGNTACCTCTAGGCCTGTGTGCGGCTGGGTGGGCTTGG
GGGAGGGCGTCACTATTCAGCTTCTAGGTGGAGGCATGAGAAGGCCTTGGCTAG
NCCCTCCAGGGTCCCATACTGTGGAGTTTGGAGGGGCAGGTCTGGCCTTTCCTGG
GTCAGCATAGGGCACCCAGGTNGGGGCACAGGTGGACACCCAGCACAGGCACCT
AGGCAGGGGCACAAGCTCACTATCCGTTAGCCAGCCTAATTGTGTTTGGAGAAAT
ATTCCTTGCTGTCATCCACGTTGGGCTTAATCGTGTCACTACCAGGCTTCCAGCCA
GCGGGANAAACTTTCCCCATGCTCGTCTGTGTACTGGGAAGGNCTGGGACCAGC
CGCAGAGCCTANATTCCACGGAGCGTCCCACAGGCAAAT

SEQ ID NO: 731
ab23b05.r1 Stratagene lung (#937210) Homo sapiens cDNA clone IMAGE:841617 5' similar to TR:E183625 E183625 ORNITHINE DECARBOXYLASE ANTIZYME ;, mRNA sequence
gi|2217845|gb|AA487681.1|AA487681[2217845]
GTGCTGAGTGGCGGCACTCTACATCGAGATCCCGGGCGGCGGCTGCCCGAGGGG
AGCAAGGACAGCTTTGCAGTTCTCCTGGAGTTCGCTGAGGAGCAGCTGCGAGCC
GACCATGTCTTCATTTGCTTCCACAAGAACCGCGATGACAGAGCCGCCTTGCTCC
GAACCTTCAGCTTTTTGGGCTTTGAGATTGTGAGACCGGGGCATCCCCTTGTCCC
CAAGAGACCCGACGCTTGCTTCATGGCCTACACGTTCGAGAGAGAGTCTTCGGG
A

SEQ ID NO: 732
Human elastase III B mRNA, complete cds, clone pCL1E3
gi|607029|gb|M18692.1|HUMELA3A[607029]
CCTATCATCGCAAAACTCATGATGCTCCGGCTGCTCAGTTCCCTCCTCCTTGTGGC
CGTTGCCTCAGGCTATGGCCCACCTTCCTCTCGCCCTTCCAGCCGCGTTGTCAATG
GTGAGGATGCGGTCCCCTACAGCTGGCCCTGGCAGGTTTCCCTGCAGTATGAGAA
AAGCGGAAGCTTCTACCACACCTGTGGCGGTAGCCTCATCGCCCCCGACTGGGTT
GTGACTGCCGGCCACTGCATCTCGAGCTCCCGGACCTACCAGGTGGTGTTGGGCG
AGTACGACCGTGCTGTGAAGGAGGGCCCCGAGCAGGTGATCCCCATCAACTCTG
GGGACCTCTTTGTGCATCCACTCTGGAACCGCTCGTGTGTGGCCTGTGGCAATGA
CATCGCCCTCATCAAGCTCTCACGCAGCGCCCAGCTGGGAGACGCCGTCCAGCTC
GCCTCACTCCCTCCGGCTGGTGACATCCTTCCCAACGAGACACCCTGCTACATCA
CCGGCTGGGGCCGTCTCTATACCAACGGGCCACTCCCAGACAAGCTGCAGGAGG
CCCTGCTGCCGGTGGTGGACTATGAACACTGCTCCAGGTGGAACTGGTGGGGTTC
CTCCGTGAAGAAGACCATGGTGTGTGCTGGAGGGGACATCCGCTCCGGCTGCAA
TGGTGACTCTGGAGGACCCCTCAACTGCCCCACAGAGGATGGTGGCTGGCAGGT
CCATGGCGTGACCAGCTTTGTTTCTGCCTTTGGCTGCAACACCCGCAGGAAGCCC
ACGGTGTTCACTCGAGTCTCCGCCTTCATTGACTGGATTGAGGAGACCATAGCAA
GCCACTAGAACCAAGGCCCAGCTGGCAGTGCTGATCGATCCCACATCCTGAATA
AAGAADAAAGATCTCTCAG

SEQ ID NO: 733
yq07g06.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:196282 3', mRNA sequence gi|960149|gb|R92609.1|R92609[960149]
TGCTGTTAGTTTAATGTGGACAGAGACATCCCACGGCGTGACTGTTAGTTAGGAT
GAGTCAGCTTGGGGGAGTTTGTGCTTCCTGCTTGGNGTGGCCAGCCACATGCCAA
GGTCCCCTGCCTTCTAGCCCAGAATGACGGGACTGGGCAGAACACCCCCAACTTT
TAGCTGCCACTTGGCTCATTACAGCAGTACCAGTATGGGGGTGGGAGGGGTGAG
GCTNTGGAGTGAAGGCGGCGTATAGGGCAGAGACTAAGAGGGTCCTGTGAGATT
CTTAGAGGAGCCATCCTGNTCCAAGGGGCCTGAGCTGAGTNTGGGTCTGTGAGC
ATCTGCTGCTCCTCTCAGAGAGGGGAGATCTCACTCTCTGCCAGTCTGTCTAGCC
CCAAAG

SEQ ID NO: 734
yv19b06.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:243155 3', mRNA sequence gi|1102102|gb|H94469.1|H94469[1102102]
GCAAAACAACATTTATTCTTTTAAAAAATCTATATACATTGCCATACAAAGATAC

CACATTGAAGCAGTTCTCAGGAACCTTCCAGTGAGCCTTCTCTTATAATTGCCCG
AGCAAGATTTCGTGCCAGAGAAAGTCTCAGCATTTCCACCTTGGTGTNCTCTATG
TCATCATCCTGGAGCTGCTCGGTATCAGATTCTCCATGCACAGGTCTTCTTGACGT
CAAGTCCTCCAGACACCGCATCAACTCATAAGTCTGTTCTGCTGAGAAAATCACC
TGTTTCTGTTCCAAAAGGGGCAAGGCATCTGTCAGCAGAGTTCATCCCAGAAAGA
CCGAAGGGGCAATCCGAGACGTCATCAAGGACAGAAGGA

SEQ ID NO: 735
aa91g07.s1 Stratagene fetal retina 937202 Homo sapiens cDNA clone IMAGE:838716 3' similar to TR:G173234 G173234 RIBOSOMAL 5S RNA-BINDING PROTEIN ;, mRNA sequence
gi|2180364|gb|AA457644.1|AA457644[2180364]
TAGTATGAAACTTAGTGTTTTAGTAGATCTTGTGATTTCTGAAAACGAATTTCTTC
TAAACATCAAGCTATTTTTCTTCACTATCTATACCTGCTATGCAGAGATTGAGAA
CCAAACCAAATGGATATCTGCTTTTAAGATTAGAATTTGTTCTTCATCCTTAAAGC
AGAACTCATTGAGATGAAAAGATGCTCTTAATTTATCACAGAACTGTGTATTTAA
TAGTATGCTTATTAAAATCACGAAGTGTACTGGAATGCTAAGATAAAAGAACTGT
ATAGTTTCTGTTATGTAATACGAGAATAGAAATGTTATTAAAATCTTTCTATAATT
TCCAGTGCTTCTGTTTTGAAGAACAAAGGCTTAATCCCCAAGAGGAAGTAGATAT
GCCAGTGTTTTTCTACATTGATCCTGAATTTGCTGAAGATCCA

SEQ ID NO: 736
H. sapiens CD18 exon 14 gi|29753|emb|X63924.1|HSCD18X14[29753]
CTCCCCGCAGCTCCTGCGCCGAGTGCCTGAAGTTCGAAAAGGGCCCCTTTGGGAA
GAACTGCAGCGCGGCGTGTCCGGGCCTGCAGCTGTCGAACAACCCCGTGAAGGG
CAGGACCTGCAAGGAGAGGGACTCAGAGGGCTGCTGGGTGGCCTACACGCTGGA
GCAGCAGGACGGGATGGACCGCTACCTCATCTATGTGGATGAGAGCCGAGGTGA
GGCCGC

SEQ ID NO: 737
ye81h02.s1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:124179 3', mRNA sequence gi|751008|gb|R01272.1|R01272[751008]
TCTTTATTTAAAATAAAGTTTAAAAATAATGTGGGTAGTGTAAAATATTAATACA
GAAATGTATAAAGTTGAAAGTTTCATGTGATCTACACTGTTCAAAGAAAGCTGTG
AATAGACCTTTCTATGCATTTATAAACATAAGCACACACATTTTAAAATGAGTTC
ACACTGTACACTTTTCTATTAATAACTTGTTTCACCTAATGTATCATGGCCATTTT
TCCATACACAATGAATGTACTTTATTCATTTTAACAGATACGAGGATATTCCTAT
ATGGGCTGGAACCACACCTTTAACCCTATCCCTTTAATGACAGGACATTTAGGGN
TTTCTATTACTTTCTACCCATGGTCCATTTTTACGGCTTCTGTGGGGGATCCTTAA
ATATTCCCCTCAGGTTCCCGGTTTCCATTTTGTT

SEQ ID NO: 738
zx35f11.s1 Soares_total_fetus_Nb2HF8_9w Homo sapiens cDNA clone IMAGE:788493 3', mRNA sequence gi|2166225|gb|AA452556.1|AA452556[2166225]
TTTTGAAAGTAAAAATTTTTATTTTGATTGATTTCTCAATGTATAGTTCAGTATAA
TGCCAGTTTTTAATGGCAAAAATTTGGTTCCACTGAAACTCCATAATGCTACAGA
GAGCTACTACTTTTTCCAGGAAGTAGGTTAACAGCTAGAAAGAAAAAGGACAAT
TTCCTAGCAGCATGGCAACTTAAACTGCAGATCTAATAGGTCTGCAACTTTTACA
CTAAAAATGGCACAAACAGCTGGTGACACAAGTGAGAAATGGGGAACAAGATG

TGAACACTGAAAAGAACAATATATATACTGTAAATATGATGAATAAACCAAATG
TAGCTATAAGAATCTTAAAGGATGATTATAGAAAAGGGA

SEQ ID NO: 739
zc35g04.s1 Soares_senescent_fibroblasts_NbHSF Homo sapiens cDNA clone IMAGE:324342 3', mRNA sequence gi|1332227|gb|W47576.1|W47576[1332227]
CTTGGAAATTTTTTTATTCTCCTTGCCAACATTTCTTTTGACATTTTATTACTTAAT
TATGTGACATTAAGAAATAATTTGGTTGCATATTATTTTCAAAAAGCAGTAAGAA
AGTAGCTATTGAGAAAGAAGGAGGGCCATAGGTTTTTCAATAAAACGTTAGAAA
CATTATAAAAAACGAGACTCCCATTACATGGAAACACATGATCAAAGATCAGAC
TAACACACATTCAAACAGGCTTGGTTCGAAATAGAGTTCTCCATTTCTTTCAGAT
GAGCCTTTTTTCTTAGGCTCTTTCAGAAGCACTTCACAATGAACAGAGGTCTTGC
CAGCTCATTTCATTAGCGGAGAAGCAAAGGTATGATGGCAGAATCATGAGAAGA
TGGAAATAAGGCCT

SEQ ID NO: 740
ye40b03.r1 Soares fetal liver spleen 1NFLS Homo sapiens cDNA clone IMAGE:120173 5', mRNA sequence gi|734317|gb|T95693.1|T95693[734317]
AGATGTTCCAGGAGTAGAATTCCTGACTGCTGTGTGAAAGTGAACTGCTACTCCA
TCTCTGAAACATATCTGAGAAACGGGGCAGAAAACCAGTGTAAACTGCTCGTGG
TGAAATTATTGAACATTGAAGTGTGAGGCTTGTCCTAAGAGCACGTCACCTCCCT
TGACACAGATTCTGCATGTCCTTCCCTCTGGTAGGGATCCTCCAGTTCCGTTTCTC
AGGCGAAGTAACCAGAGGTTCCAGTCTGGTNTTGCTTTCTGGGGAGGGAAGGAC
AGAGGCACCTAGGTTAATAGGATTCCCAGGGGTACTTGATTGGGGCACCCACAC
ATGGANTTCAGGAGGGGGGACCTTAAGGCCNTTCAGGCAGG

SEQ ID NO: 741
Human (clone HSY3RR) neuropeptide Y receptor (NPYR) mRNA, complete cds gi|189313|gb|L01639.1|HUMNYRECA[189313]
CGCATCTGGAGAACCAGCGGTTACCATGGAGGGGATCAGTATATACACTTCAGA
TAACTACACCGAGGAAATGGGCTCAGGGGACTATGACTCCATGAAGGAACCCTG
TTTCCGTGAAGAAAATGCTAATTTCAATAAAATCTTCCTGCCCACCATCTACTCC
ATCATCTTCTTAACTGGCATTGTGGGCAATGGATTGGTCATCCTGGTCATGGGTT
ACCAGAAGAAACTGAGAAGCATGACGGACAAGTACAGGCTGCACCTGTCAGTGG
CCGACCTCCTCTTTGTCATCACGCTTCCCTTCTGGGCAGTTGATGCCGTGGCAAAC
TGGTACTTTGGGAACTTCCTATGCAAGGCAGTCCATGTCATCTACACAGTCAACC
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GCGGCGAGNCGCCTGATGACATCTACTCGCGGCTGCTGCGGGANGCACTCAGTG
TGCGTCATGGGCCCGATCGATGACAGCGTTGCCAGCCTTGTTATCGCACAGCTCC
TCTTCCTGCAATCCNGAGAGCAACAAGAAGCCCATCCACATGTACATCAACAGC
CCTGGTGGTGTGGTGACCGCGGGCCTGGCATCTACGACACGATGCAGTACATCCT
CAACCCGATCTGCACCTGGTGCGTTGGGCCAGGCCGCCAGCATGGGCTCCCTTGC
TTCTCGCCGCCGGAACCCCAGGCATGCGCCACTCGCTCCCCAACTCCCGTATCAT
GATCCACCAGCCCTCAGGAGGCGCCCG

SEQ ID NO: 802
zw32b03.r1 Soares ovary tumor NbHOT Homo sapiens cDNA clone IMAGE:770957 5', mRNA sequence gi|2112210|gb|AA428170.1|AA428170[2112210]
ATTCGGCAATGGAGAGGATAGGGAGAATATTTACTAACTAAATACCATTCACTA
CTCATGCGTGAGACTGGGTGTACAAACTCATCCTCTTTTAATGGCATTTCTCTTTA
AACTATGTTCCTAACAAAATGAGATGATAGGATAGATCCTGGTTACCACTCTTTT
GCTGTGCACATACGGGCTCTGACTGGTTTTAATAGTCACCTTCATGATTATAGCA
ACTAATGTTTGAACAAAGCTCAAAGTATGCAATGCTTCATTATTCAAGAATGAAA
AATATAATGTTGATAATATATATTAAGTGTGCCAAATCAGTTTGACTACTCTCTGT
TTTAGTGTTTATGTTTAAAAGAAATATATTTTTTGTTATTATTAGATAATATTTTTG
TATTTCTCTATTTTCATAATCAGTAATAGTGTCATATAAACTCATTTATCTCCTCTT
CATGGCATCTTCAATATGAATCTATAAGTAGTAAATCAGAAAGTAACAATCTATG
GCTTATTTCTATGACAAATTCAAGAGCTAGAAAAATA

SEQ ID NO: 803
ab35g03.s1 Stratagene HeLa cell s3 937216 Homo sapiens cDNA clone IMAGE:842836 3' similar to gb:M93056 LEUKOCYTE ELASTASE INHIBITOR (HUMAN);, mRNA sequence
gi|2216491|gb|AA486275.1|AA486275[2216491]
TCTGGACAGTGGTTTTATTGGTAAAGATATAAGACATATTGGCTCTATTAAAAAC
TCAGGTAATAAAGCACTAAGCTTGATTTTTGTATTGCTACAGTCTCTTTCTTCTAA
GGGGAAGAAAATCTCCCCAAGAATAGGATGCTACCTGAGGAATTATGCCGAATA
AAGAAAAGGAATGGATGGTCGGCAGTGAAATTTTCTTCGGGCATCAACATGCAG
AAAGTTGCGATGCCTGCTGTGGCAGCTGCCGCCTCTGTTCCCTCTTCATTCACTTC
CACAAATGACTTGTGGACAATTTTTGATATAAAAATATCTCTGGCTCCTGACATG
CCAGACAGATCAGCCTTGCTACTGTTAAAGAGATCCTGCACACCTAGGCGGGCG
AGGTCGGAGTTGAGAGTGTAACTCTCTTCCAGTTTGAACCTGGGCAAGCTGACAT
TAACTTCAATGAAATCGAGATTCTCAGGTTTAG

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
26 September 2002 (26.09.2002)

PCT

(10) International Publication Number
WO 02/074979 A3

(51) International Patent Classification[7]: C12Q 1/68

(21) International Application Number: PCT/US02/08456

(22) International Filing Date: 20 March 2002 (20.03.2002)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/276,947 20 March 2001 (20.03.2001) US

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(81) Designated States *(national)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW.

(84) Designated States *(regional)*: ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:
— *with international search report*

(88) Date of publication of the international search report:
13 March 2003

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

WO 02/074979 A3

(54) Title: EXPRESSION PROFILES AND METHODS OF USE

(57) Abstract: The present invention relates to gene expression profiles, algorithms to generate gene expression profiles, microarrays comprising nucleic acid sequences representing gene expression profiles, methods of using gene expression profiles and microarrays, and business methods directed to the use of gene expression profiles, microarrays, and algorithms. The present invention further relates to protein expression profiles, algorithms to generate protein expression profiles, microarrays comprising protein-capture agents that bind proteins comprising protein expression profiles, methods of using protein expression profiles and microarrays, and business methods directed to the use of protein expression profiles, microarrays, and algorithms.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US02/08456

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : C12Q 1/68
US CL : 435/6

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
U.S. : 435/6

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A, E	POOLE et al. Altered Patterns of Cellular Gene Expression in Dermal Microvascular Endothelial Cells Infected with Kaposi's Sarcoma-associated Herpesvius. Journal of Virology. April 2002, Vol 76, No. 7, pages 3395-3420	1, 3-4, 6-90
A, P	US 6,316,197 B1 (DAS et al) 13 November 2001 (13.11.2001), entire document.	1-90
A	US 5,840,484 A SEILHAMER et al) 24 November 1998(24.11.1998), entire document.	1-90
A, E	US 6,403,316 B1 (SKALITER et al) 11 June 2002(11.06.2002), entire document.	1-90

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Date of the actual completion of the international search
30 September 2002 (30.09.2002)

Date of mailing of the international search report
06 NOV 2002

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Form PCT/ISA/210 (second sheet) (July 1998)